

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions of claims in the application:

Listing of Claims:

1 – 42. (Canceled)

43. (Currently Amended) A system, ~~for providing voice and data services over a wired data network and a regulated wireless network, the system comprising:~~
~~a first wireless network including~~ at least one wireless access point wired to ~~the wired data network, the at least one wireless access point and configured to provide~~ provides wireless access to the ~~wired data network via an IEEE 802.11b an unregulated wireless connection between a digital cordless handset and the at least one wireless access point[; and]], wherein the at least one wireless access point is configured to service a call via the digital cordless handset utilizing the IEEE 802.11b wireless connection based on, at least in part,~~ at least one digital cordless handset for servicing at least one of an outgoing or an incoming call associated with a telephone number of a subscriber via the unregulated wireless connection, ~~the, and wherein the call is serviceable via a cellular telephone using the telephone number, regulated wireless network services the at least one of the outgoing or the incoming call using the telephone number.~~

44. (Canceled)

45. (Currently Amended) The system of claim 43, wherein the at least one wireless access point is configured to switch the call between at least one other wireless access point and the at least one wireless access point ~~at least one digital cordless handset switches between a first wireless access point and a second wireless access point during the at least one of the outgoing or the incoming call.~~

46. (Currently Amended) The system of claim 45, wherein the at least one wireless access point is configured to service the call~~at least one digital cordless handset utilizing~~~~[[exits]]~~ a first wireless transmission area during the call, and wherein the at least one other wireless access point is configured to service the call utilizing~~associated with the first wireless access point and enters a second wireless transmission area associated with the second wireless access point during the~~ at least one of the outgoing or the incoming call.

47. (Currently Amended) The system of claim 43, wherein the at least one digital cordless handset is associated with identification information, wherein the identification information is transferred from at the first~~the first~~ wireless network to the wired data network, and wherein one or more~~[[the]]~~ voice and data services are provided based on the identification information.

48-51. (Canceled)

52. (Currently Amended) A method ~~of providing at least one of a voice or a data service over a wired data network and a regulated wireless network~~, comprising:
 ~~detecting a digital cordless handset in range of a wireless access point via an unregulated wireless connection, the wireless access point is coupled to the wired data network;~~
 ~~providing information of at least one subscriber of at least one of the voice or the data service via the wired data network;~~
 servicing a call via an IEEE 802.11b wireless connection between a digital cordless handset and a wireless access point based on a telephone number associated with at least one subscriber if the call is answered via the digital cordless handset~~via the digital cordless handset~~ and the wired data network, the call serviced via the digital cordless handset based on digital cordless handset identity information associated with the at least one subscriber and included in the information; and, wherein the call is serviceable via a cellular telephone using the telephone number if the call is answered via the cellular telephone.~~servicing the call based on the telephone number via a wireless telephone and the wired data network using the regulated wireless network when the call is answered via the wireless telephone.~~

53. (Currently Amended) The method of claim 52, further comprising:
obtaining identification information from the digital cordless handset; and
determining ~~[[the]]~~at least one of ~~a~~[[the]] voice or ~~a~~[[the]] data service based on the identification information~~,[[;]]~~
wherein the servicing the call ~~based on the telephone number~~ via the IEEE 802.11b wireless connection between the digital cordless handset and the wireless access point includes providing the at least one of the voice or the data service via the digital cordless handset during the call.
54. (Currently Amended) The method of claim 52, ~~further comprising:~~
~~assigning an internet protocol (IP) address to the digital cordless handset based on the detecting;~~
wherein the servicing the call ~~based on the telephone number~~ via the IEEE 802.11b wireless connection between the digital cordless handset and the wireless access point includes establishing a voice over internet protocol (VoIP) session ~~between the digital cordless handset and the wired data network~~ via the wireless access point based on an internet protocol (IP) the IP address.
55. (Canceled)
56. (Currently Amended) The method of claim 54, further comprising:
receiving the telephone number at the digital cordless handset; and
establishing the VoIP session based on the telephone number~~receiving~~.
- 57-58. (Canceled)

59. (Currently Amended) A system ~~for providing voice and data services via a wired data network and a regulated wireless network, the system comprising:~~

~~a broadband residential gateway that provides a communications link to at least one wired network device over a local wired network;~~

~~a wireless access point configured to provide that provides wireless access to a [[the]] wired data network over a Bluetooth wireless connection an unregulated wireless connection, wherein the wired data network is configured to service a call associated with a telephone number via a digital cordless handset and the Bluetooth wireless connection if the call is answered via the digital cordless handset, wherein the call is serviceable via a cellular telephone connection based on the telephone number provides information of at least one subscriber associated with the voice and data services;~~

~~at least one digital cordless handset that services a call associated with a telephone number of the at least one subscriber via the unregulated wireless connection when the call is answered via the at least one digital cordless handset; and~~

~~a cellular phone that services the call via the regulated wireless network when the call is answered via the cellular phone.~~

60. (Currently Amended) The system of claim 59, wherein the wired data network is configured to direct directs the call to a [[the]] broadband residential gateway based on the telephone number, and wherein ~~the at least one wired network device~~ the broadband residential gateway is configured to service services the call via a wired network device the broadband residential gateway iff [when]] the call is answered by the ~~at least one wired network device~~.

61. (Canceled)

62. (Currently Amended) The system of claim 60[[59]], wherein the broadband residential gateway is configured to service the call via a local wired network including comprises a home phone networking alliance network.

63. (New) The system of claim 43, wherein the call is an incoming call.

64. (New) The system of claim 43, wherein the call is an outgoing call.
65. (New) The method of claim 52, wherein the servicing the call includes servicing an incoming call via the IEEE 802.11b wireless connection between the digital cordless handset and the wireless access point.
66. (New) The method of claim 52, wherein the servicing the call includes servicing an outgoing call via the IEEE 802.11b wireless connection between the digital cordless handset and the wireless access point.
67. (New) The system of claim 59, wherein the call is an incoming call.
68. (New) The system of claim 59, wherein the call is an outgoing call.